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Sequence Listing was accepted with existing errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Tue Jul 24 15:28:12 EDT 2007

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Application No: 10806793 Version No: 2.0

Input Set:

Output Set:

Started: 2007-06-27 14:32:06.113
Finished: 2007-06-27 14:32:09.304
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 191 ms
Total Warnings: 51
Total Errors: 223
No. of SeqIDs Defined: 76
Actual SeqID Count: 76

Error code	Error Description
E 323	Invalid/missing amino acid numbering in SEQID (1) POS (450)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (1)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (5)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (6)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (10)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (11)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (15)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (16)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (20)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (21)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (25)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (26)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (30)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (31)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (35)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (36)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (40)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (41)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (45)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (46)

Input Set:

Output Set:

Started: 2007-06-27 14:32:06.113
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Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (17)
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W 213	Artificial or Unknown found in <213> in SEQ ID (41)
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	This error has occurred more than 20 times, will not be displayed

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Blom, Nikolaj
Hansen, Claus

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<151> 2000-09-14

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atg cct gcc ctg tgg ccc acc ctg gcc gct ctg gct ctg ctg agc agc 167
Met Pro Ala Leu Trp Pro Thr Leu Ala Ala Leu Ala Leu Leu Ser Ser
-95 -90 -85 -80

gtc gca gag gcc tcc ctg ggc tcc gcg ccc cgc agc cct gcc ccc cgc 215
Val Ala Glu Ala Ser Leu Gly Ser Ala Pro Arg Ser Pro Ala Pro Arg
-75 -70 -65

gaa ggc ccc ccg cct gtc ctg gcg tcc ccc gcc ggc cac ctg ccg ggg 263
Glu Gly Pro Pro Pro Val Leu Ala Ser Pro Ala Gly His Leu Pro Gly
-60 -55 -50

gga cgc acg gcc cgc tgg tgc agt gga aga gcc cgg cgg ccg cgc cgc 311
Gly Arg Thr Ala Arg Trp Cys Ser Gly Arg Ala Arg Arg Pro Arg Arg
-45 -40 -35

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aga cac ttc tcg gcc cgc gcc ccc gcc gcc tgc acc ccc atc tgc tct 359
 Arg His Phe Ser Ala Arg Ala Pro Ala Ala Cys Thr Pro Ile Cys Ser
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tcc ccg cgg gtc cgc gcg gcg cgg ctg ggg ggc cgg gca gcg cgc tcg 407
 Ser Pro Arg Val Arg Ala Ala Arg Leu Gly Gly Arg Ala Ala Arg Ser
 -15 -10 -5 -1 1

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 Gly Ser Gly Gly Ala Gly Cys Arg Leu Arg Ser Gln Leu Val Pro Val
 5 10 15

cgc gcg ctc ggc ctg ggc cac cgc tcc gac gag ctg gtg cgt ttc cgc 503
 Arg Ala Leu Gly Leu Gly His Arg Ser Asp Glu Leu Val Arg Phe Arg
 20 25 30

ttc tgc acc ggc tcc tgc ccg cgc gcg cgc tct cca cac gac ctc agc 551
 Phe Cys Thr Gly Ser Cys Pro Arg Ala Arg Ser Pro His Asp Leu Ser
 35 40 45

ctg gcc agc cta ctg ggc gcc ggg gcc ctg cga ccg ccc ccg ggc tcc 599
 Leu Ala Ser Leu Leu Gly Ala Gly Ala Leu Arg Pro Pro Pro Gly Ser
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 Arg Pro Val Ser Gln Pro Cys Cys Arg Pro Thr Arg Tyr Glu Ala Val
 70 75 80

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 Ser Phe Met Asp Val Asn Ser Thr Trp Arg Thr Val Asp Arg Leu Ser
 85 90 95

gcc acc gcc tgc ggc tgc ctg ggc tgagggtctg ctccagggct ttgcagactg 749
 Ala Thr Ala Cys Gly Cys Leu Gly
 100 105

gacccttacc ggtggctctt cctgcctggg accctcccgc agagtccac tagccagcgg 809

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Glu Gly Pro Pro Pro Val Leu Ala Ser Pro Ala Gly His Leu Pro Gly
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 -45 -40 -35
 Arg His Phe Ser Ala Arg Ala Pro Ala Ala Cys Thr Pro Ile Cys Ser
 -30 -25 -20
 Ser Pro Arg Val Arg Ala Ala Arg Leu Gly Gly Arg Ala Ala Arg Ser
 -15 -10 -5 -1 1
 Gly Ser Gly Gly Ala Gly Cys Arg Leu Arg Ser Gln Leu Val Pro Val
 5 10 15
 Arg Ala Leu Gly Leu Gly His Arg Ser Asp Glu Leu Val Arg Phe Arg
 20 25 30
 Phe Cys Thr Gly Ser Cys Pro Arg Ala Arg Ser Pro His Asp Leu Ser
 35 40 45
 Leu Ala Ser Leu Leu Gly Ala Gly Ala Leu Arg Pro Pro Pro Gly Ser
 50 55 60 65
 Arg Pro Val Ser Gln Pro Cys Cys Arg Pro Thr Arg Tyr Glu Ala Val
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 85 90 95
 Ala Thr Ala Cys Gly Cys Leu Gly
 100 105

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            -95                -90                -85

gtc ctt cct ccc caa gcc cac ctg ggt gcc ctc ttt ctc cct gag gct      96
Val Leu Pro Pro Gln Ala His Leu Gly Ala Leu Phe Leu Pro Glu Ala
            -80                -75                -70

cca ctt ggt ctc tcc gcg cag cct gcc ctg tgg ccc acc ctg gcc gct      144
Pro Leu Gly Leu Ser Ala Gln Pro Ala Leu Trp Pro Thr Leu Ala Ala
            -65                -60                -55

ctg gct ctg ctg agc agc gtc gca gag gcc tcc ctg ggc tcc gcg ccc      192
Leu Ala Leu Leu Ser Ser Val Ala Glu Ala Ser Leu Gly Ser Ala Pro
            -50                -45                -40

cgc agc cct gcc ccc cgc gaa ggc ccc ccg cct gtc ctg gcg tcc ccc      240
Arg Ser Pro Ala Pro Arg Glu Gly Pro Pro Pro Val Leu Ala Ser Pro
-35                -30                -25                -20

gcc ggc cac ctg ccg ggg gga cgc acg gcc cgc tgg tgc agt gga aga      288
Ala Gly His Leu Pro Gly Gly Arg Thr Ala Arg Trp Cys Ser Gly Arg

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	-15		-10		-5	
gcc cgg cgg ccg ccg ccg cag cct tct cgg ccc gcg ccc ccg ccg cct						336
Ala Arg Arg Pro Pro Pro Gln Pro Ser Arg Pro Ala Pro Pro Pro Pro						
	-1	1		5	10	
gca ccc cca tct gct ctt ccc cgc ggg ggc cgc gcg gcg cgg gct ggg						384
Ala Pro Pro Ser Ala Leu Pro Arg Gly Gly Arg Ala Ala Arg Ala Gly						
	15		20		25	
ggc ccg ggc aac cgc gct cgg gca gcg ggg gcg cgg ggc tgc cgc ctg						432
Gly Pro Gly Asn Arg Ala Arg Ala Ala Gly Ala Arg Gly Cys Arg Leu						
	30		35		40	45
cgc tcg cag ctg gtg ccg gtg cgc gcg ctc ggc ctg ggc cac cgc tcc						480
Arg Ser Gln Leu Val Pro Val Arg Ala Leu Gly Leu Gly His Arg Ser						
		50		55		60
gac gag ctg gtg cgt ttc cgc ttc tgc agc ggc tcc tgc cgc cgc gcg						528
Asp Glu Leu Val Arg Phe Arg Phe Cys Ser Gly Ser Cys Arg Arg Ala						
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cgc tct cca cac gac ctc agc ctg gcc agc cta ctg ggc gcc ggg gcc						576
Arg Ser Pro His Asp Leu Ser Leu Ala Ser Leu Leu Gly Ala Gly Ala						
	80		85		90	
ctg cga ccg ccc ccg ggc tcc cgg ccc gtc agc cag ccc tgc tgc cga						624
Leu Arg Pro Pro Pro Gly Ser Arg Pro Val Ser Gln Pro Cys Cys Arg						
	95		100		105	
ccc acg cgc tac gaa gcg gtc tcc ttc atg gac gtc aac agc acc tgg						672
Pro Thr Arg Tyr Glu Ala Val Ser Phe Met Asp Val Asn Ser Thr Trp						
	110		115		120	125
aga acc gtg gac cgc ctc tcc gcc aac ccc tgc ggc tgc ctg ggc						717
Arg Thr Val Asp Arg Leu Ser Ala Asn Pro Cys Gly Cys Leu Gly						
		130		135		140
tgagggctcg ctccagggct ttgcagactg gacccttacc ggtggctctt cctgcctggg						777
accctcccg c agagtccac tagccagcgg cctcagccag ggacgaaggc ctcaaagctg						837
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Gly Leu Ser Ala Gln Pro Ala Leu Trp Pro Thr Leu Ala Ala Leu Ala
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 Leu Leu Ser Ser Val Ala Glu Ala Ser Leu Gly Ser Ala Pro Arg Ser
 -45 -40 -35
 Pro Ala Pro Arg Glu Gly Pro Pro Pro Val Leu Ala Ser Pro Ala Gly
 -30 -25 -20
 His Leu Pro Gly Gly Arg Thr Ala Arg Trp Cys Ser Gly Arg Ala Arg
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 50 55 60
 Leu Val Arg Phe Arg Phe Cys Ser Gly Ser Cys Arg Arg Ala Arg Ser
 65 70 75
 Pro His Asp Leu Ser Leu Ala Ser Leu Leu Gly Ala Gly Ala Leu Arg
 80 85 90 95
 Pro Pro Pro Gly Ser Arg Pro Val Ser Gln Pro Cys Cys Arg Pro Thr
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 Ser Ala Leu Pro Arg Gly Gly Arg Ala Ala Arg Ala Gly Gly Pro Gly
 20 25 30
 Asn Arg Ala Arg Ala Ala Gly Ala Arg Gly Cys Arg Leu Arg Ser Gln
 35 40 45
 Leu Val Pro Val Arg Ala Leu Gly Leu Gly His Arg Ser Asp Glu Leu
 50 55 60
 Val Arg Phe Arg Phe Cys Ser Gly Ser Cys Arg Arg Ala Arg Ser Pro
 65 70 75 80
 His Asp Leu Ser Leu Ala Ser Leu Leu Gly Ala Gly Ala Leu Arg Pro
 85 90 95
 Pro Pro Gly Ser Arg Pro Val Ser Gln Pro Cys Cys Arg Pro Thr Arg
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 20 25 30
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 35 40 45
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 Leu Gly Ala Gly Ala Leu Arg Pro Pro Pro Gly Ser Arg Pro Val Ser

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Val	Asn	Ser	Thr	Trp	Arg	Thr	Val	Asp	Arg	Leu	Ser	Ala	Xaa	Xaa	Cys
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Gly	Cys	Leu	Gly												
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35 40 45
Arg Ala Arg Ser Pro His Asp Leu Ser Leu Ala Ser Leu Leu Gly Ala
50 55 60
Gly Ala Leu Arg Pro Pro Pro Gly Ser Arg Pro Val Ser Gln Pro Cys
65 70 75 80
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Thr Trp Arg Thr Val Asp Arg Leu Ser Ala Xaa Xaa Cys Gly Cys Leu
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Pro Arg Arg Gln Pro Ala Leu Trp Pro Thr Leu Ala Ala Leu Ala Leu	
-60 -55 -50	
ctg agc agc gtc gca gag gcc tcc ctg ggc tcc gcg ccc cgc agc cct	201
Leu Ser Ser Val Ala Glu Ala Ser Leu G	